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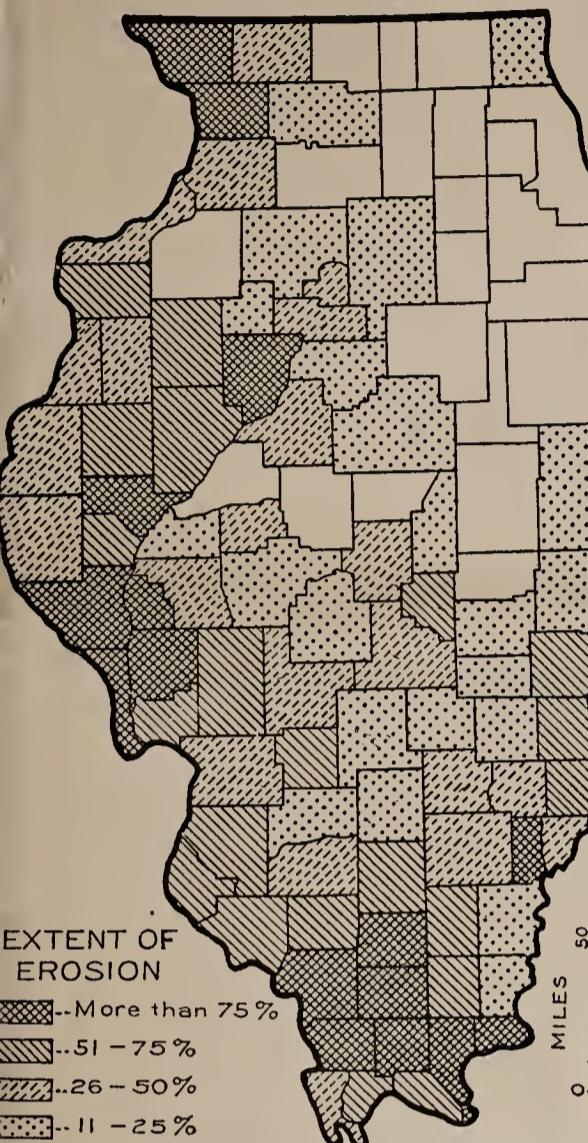


# BETZ TREE SUPPLEMENT

200 Million Trees and Tree Seed Shipped From This Office and Planted By 650,000 Pupils Since 1928

PUBLISHED BY FRANK S. BETZ

FEBRUARY 1934 BETZ BUILDING, HAMMOND, INDIANA



## ILLINOIS - LOOK AT IT!

For full particulars covering 22 states; Russia, Argentine, Manchuria, etc., etc., see wrapper.

## THEY MEAN BUSINESS SCHOOLS TO PLANT TREES

The National appeal for tree planting has met a wholehearted response. Supt. W. J. Avery has sent requests to every school in the parish to plant trees.

In our city and Pineville the following schools, clubs, and church societies will observe this ceremony:

SCHOOLS: Bolton High, Rosenthal, Maynard Memorial, Pinville, Peabody, West End Grammar, St. Francis Xavier, St. James, Providence, Central Grammar, Louisiana College.

CLUBS: Woman's Garden, Rainbow, Newcomb, Twentieth Century, Elks, Men's Woman's Mother's Geographic Reading, Poets, Business & Professional Woman's Musical, Rotary, Arts & Craft, Alexandria Garden, Pineville Garden, Court Gibbons No. 679, Colonial Dames.

SOCIETIES: The Gleaners, Woman's, Young People's Missionary, Temple Sisterhood, Woman's Circle, Eptepans, Electer Chapter, Eastern Star, Catholic Daughters' of America and Woman's Missionary Society.

CHURCHES: B. Y. P. U. Union, St. James, Cavalry Baptist, Methodist, Presbyterian.

Public Library, Board, Boy Scouts, Girl Scouts, Knights of Columbus, Sons and Daughters of the Pilgrims, American Legion, Woman's Auxiliary, Daughters of American Rev., American Legion Auxiliary, Masonic Home, etc., etc., etc., ALEXANDRIA, LOUISIANA DAILY.

## EVERGREEN TREES — FINEST QUALITY

FREE—WITH EACH \$5 TREE ORDER—2500 COLORADO BLUE SPRUCE AND 5000 NORWAY SPRUCE, AUSTRIAN AND SCOTCH PINE SEED, WHICH ARE TO BE TURNED OVER TO SUPERINTENDENTS OF SCHOOLS FOR PUPILS TO PLANT AND SHOULD PRODUCE AT LEAST 2500 TREES.

For 500 trees take two 250 packages and deduct 50 cents. For 1000 trees take four 250 packages and deduct \$1 packing charges.

They are the safe age to transplant, many larger than advertised. Please have each member of your club donate 10 or 25 cents for trees for your schools, Scouts, 4H Clubs, as they are doing everywhere, for providing children of today with lumber when they grow up and protecting the black soil on the farms.

Every professional or business man should order 1000 trees for pupils, who will be the men and women of tomorrow. The man who does nothing says nothing, generally gets little.

The trees are from the oldest nurseries. Those with stars offered at a special low price.

Read what happened to Illinois and other states which could have been prevented had the Chambers of Commerce, Rotary, Kiwanis and other clubs done their duty.

	10	25	250		10	25	250
	Trees	Trees	Trees		Trees	Trees	Trees
Arbor Vitae, Amer. 10-12"	\$ .50	\$ 1.00	\$ 4.50	"	Pfitzer, 4-6"	1.50	3.00 20.00
" " 12-15"	.. .75	1.50	6.50	" "	8-10"	2.25	4.50 30.00
" " 15-18"	1.00	2.00	9.00	* Pine, Am. Red, 5-10"	.60	1.25	2.75
" " China 12-15"	1.00	2.00	9.00	* Austrian, 3-5"	.60	1.00	2.50
" " 18-24"	1.50	3.00	10.00	* Banksiana, 10-20"	.75	1.50	2.75
Cedar, Amer., 12-15"	.75	1.50	6.50	* Mugho Dwarf, 4-6"	.75	1.50	4.00
" " 18-24"	1.50	3.00	10.00	" " 8-12"	1.25	3.00	13.50
Cedrus Deodora, 10-12"	1.75	3.50	22.50	* Norway, 5-10"	.60	1.25	2.75
" " 12-15"	2.00	4.25	26.50	* Pitch, 10-20"	.75	1.50	2.75
Fir, Douglas, 8-15"	1.00	2.00	9.00	* Scotch 3-6"	.50	1.00	2.50
Hemlock, Can., 10-16"	1.75	3.50	00.00	Spruce, Black Hill, 8-12"	1.50	3.00	15.00
Juniper, English 8-10"	2.00	4.00	20.00	" Colo. Blue, 5-8"	.60	1.25	3.75
" " 10-12"	2.50	5.00	26.50	" " 6-10"	.75	1.75	4.50
" " Irish 6-8"	1.25	2.50	17.50	" " 10-15"	2.00	5.50	22.50
" " 8-10"	1.50	3.00	20.00	" Norway, 6-12"	.60	1.25	2.75
" " 10-12"	1.75	3.50	26.50				

## LEADING AMERICAN DECIDUOUS TREES

Many larger than advertised. Some grow 5 feet and over yearly. Tests show a 12 or 4 inch tree will be the same height in 3 years.

Raised and shipped by the oldest and largest tree growers in this country.

As it requires as much moss, time, labor and waterproof paper to pack 10 trees as 25, the shippers will not accept orders for less than \$2. Get your friends to join with you, buy an assortment, divide and get the trees for less than you could dig them.

SPECIAL PRICE ON 2000 TO 50,000 FOR PUPILS, SCOUTS AND 4H CLUBS.

	10	25	250		10	25	250
	Trees	Trees	Trees		Trees	Trees	Trees
Althea, Joan of Arc, 18"	\$ .60	\$ 1.00	\$ 3.00	Magnolia, 12-18"	1.00	2.00	0.00
Althea, Rosa, 12-24"	.60	1.00	3.00	Maple, Silver 12-18"	.60	1.00	2.50
Beech, Amer., 12-18"	.60	1.00	2.50	" Sugar Hard 12-18"	.60	1.00	2.50
Birch, River, 12-18"	.60	1.00	3.00	Mulberry, Russian 12-18"	.60	1.00	2.50
" Sweet, 12-18"	.60	1.00	3.00	Persimmons, Am. 12-18"	.60	1.00	3.00
Caragana, 12-18"	.60	1.00	3.00	Popular, Carolina, 12-18"	.60	1.00	3.00
Chestnut, Amer, 12-18"	.75	1.25	7.25	" Silver Leaf, 18-24"	.60	1.00	3.25
" Buckeye, 12-18"	.60	1.00	4.00	" Lombardy, 12-18"	.60	1.00	2.50
Dogwood, Flowering 12-18"	.75	1.25	4.00	" " 24-36"	1.00	2.00	6.00
Elm, American 12-18"	.60	1.00	2.50	Red Bud, 12-18"	.60	1.00	3.50
" Chinese, 6-12"	.60	1.00	3.50	Rose of Sharon, 12-18"	.60	1.00	2.50
" " 12-18"	.75	1.25	4.50	Tree of Heaven 12-18"	.60	1.00	2.50
Honeysuckle, Jap. 12-15"	.60	1.00	3.75	Tulip, 12-18"	.60	1.00	2.50
Judas, 12-18"	.60	1.00	3.50	Walnut, Black 12-18"	.60	1.00	3.25
Leatherwood, 12-18"	.50	1.00	2.50	Butternut 12-18"	.60	1.00	3.25
Lilac, Persian, 12-18"	1.75	3.50	0.00	Willow Weeping 12-18"	1.00	2.00	0.00
Locust, Black 18-24"	.60	1.00	2.50				

## IT COST THE HAMMOND PARK BOARD LESS MONEY FOR 75 ACRES OF BLACK WALNUT TREES THAN THOUSANDS OF PARK BOARDS PAID FOR ONE TREE

They are over 6 foot high today. In 10 years they will be over 20 and produce millions of walnuts for the children.

If you are a business or professional man, order 1000 walnut trees and turn them over to your Park Superintendent. Make the children happy and they will make you happy a million times later on.

It took me 3 years to convince the Hammond Park Board that thousands of beautiful walnut trees which they could grow for a few cents would be worth more to the children for 100 years to come than one tree which cost as much, or more.

"My dear Mr. Betz:

The 16,000 walnuts purchased from you have developed into trees about 20 inches high and we will have trees sufficient to plant 75 acres.

I have observed your activity in reforestation for the past five years. You are doing a work that will prove of enduring value. I most heartily commend you and your hobby to all those interested in the welfare of our country.

Very truly yours,  
HAMMOND, PARK BOARD, (Signed) A. M. Turner, Pres."

Think of the millions of dollars that could be added to the value of thousands of parks in the 27 states in the walnut district if each member of the Kiwanis, Rotary, Izaak Walton League and other clubs would each put in 10 cents for 500 or 1000 trees.

# PRACTICALLY GIVEN AWAY AT THESE PRICES BEAUTIFUL TREES — 5 FOR THE PRICE OF 2

Trees that will add 50 times their cost to the value of your property and the trees every property owner should have.

On orders of \$5 or over, select 2 or more trees, any variety, at the \$5-price. If \$10 or over, select 2 or more trees, any variety, at the \$10-price. On 25 trees or over, 5 of each variety, deduct 5 cents packing charge on each tree.

ORDER WHILE YOU CAN GET \$1 AND \$2 TREES FOR A FEW CENTS.

	5 Trees	10 Trees	5 Trees	10 Trees
Arbor Vitae, Amer., 18-24"	\$2.00	\$3.75	" Pfitzer, 12-15"	1.75
" Chinese, 24"	2.00	3.75	" 15-18"	2.75
" Compacta, 15-18"	2.50	4.25	" Prostrate, 18-24"	3.50
" Globe, 12-15"	2.50	4.25	" Savin, 18-24"	3.50
" Gold Tip, 24"	2.50	4.25	" Virginia, 24"	2.50
" Hovey Golden 18-24"	2.50	4.25	Pine, Austrian, 15-18"	1.50
" Pyramidal, 15-18"	1.75	3.00	" 18-24"	2.00
" " 24"	2.50	4.25	" Scotch, 15-18"	1.50
" Rosenthal, 18-24"	2.50	4.25	" 18-24"	2.00
" Siberian, 18-24"	2.50	4.25	" White, 15-18"	1.50
Azelea, Chinese, 12"	1.75	3.00	" 18-24"	2.00
Cedar, Red, 24"	2.50	4.25	Spruce, Black Hill, 18-24"	2.50
Cypress, Blue, 15-18"	1.75	3.00	" Colorado, 18-24"	2.50
" 18-24"	2.50	4.25	" Colo. Blue, 12-15"	2.00
" Gold Plume, 15-18"	1.75	3.00	" 24-30"	7.50
" " 18-24"	2.50	4.25	" Norway, 15-18"	1.50
" Golden, 18-24"	2.50	4.25	" " 18-24"	1.75
" Green, 15-18"	1.75	3.00	" 24-30"	2.50
" Plume, 15-18"	1.75	3.00	" Silver, 15-18"	1.50
" Yellow, 15-18"	1.50	2.75	" 18-24"	2.50
Fir, Douglas, 15-18"	1.50	2.75	Yew, Canadian, 8-12"	1.50
" " 18-24"	2.50	4.25	" English, 8-12"	1.50
XX	1.75	3.00	" Dwarf, 8-12"	1.50
Juniper, English, 18-24"	2.50	4.25	" Hicks, 8-12"	1.50
" Irish, 18-24"	2.50	4.25	" Jap. Spreading, 8-12"	1.50
" 24-30"	3.50	6.50	Shipped From Ohio Nursery	

## Guaranteed Tree Seed

TREE SEEDS — ALL KINDS

1934 Package, 12 cents.

The well-known Izaak Walton League Package - 25 or 50 cents and \$1, postage paid.—

FOR SMALL AMOUNTS SEND STAMPS

Robert H. Lawton, 13 June Street, Worcester Massachusetts writes: "Have 8,000 beautiful evergreen trees grown from the seed you sent me. Kindly give price on 50,000 Norway and the 8 other varieties."

H. J. Harder, Munster, Indiana: "I have over 5,000 trees — the majority over 2 feet high — raised from your seed."

Another tree planter, Michigan City, Indiana: "Have over 15,000 trees from seed I bought 3 years ago."

E. N. Brindley, Supt. of Schools, Shuman, Indiana: "We planted almost 10 acres and have 4,000 trees to plant this spring raised from seed purchased 2 years ago."

If you want 1,000 trees, dig up the ground on the north side of a building, tree, or bushes, where they will be shaded from 9 until 3 o'clock in the afternoon or plant in the garden and use a lath screen.

BIG PACKAGE. 12 cents.

10 Assorted Pkgs. \$1.00 Postage Paid.

Arbor Vitae — American or Pyramidal  
" Chinese, Golden or Korean

Boxwood — Korean

Birch — White or Weeping

Catalpa

Cedar — Colorado Blue, Silver or Virginia

" Japanese or Nikko

Cherry — Japanese Flowering or Weeping

Cryptomeria Japonica — Japanese

Cypress — Japanese, Hinoka or Pyramidal

Elm — Chinese, English or Scotch

Hemlock — beautiful for lawns

Holly — English or Japanese

Chinese, Indigo,

Judas Tree — Chinese

Juniper — American, Chinese or Japanese

Larch — Japanese or Korean Tamrack

Maple — Amur, Japanese, Korean or Nikko

Manchurian, Sycamore or Sugar

Mulberry — Russian

Parasol Tree — Chinese

Pine — Austrian, Mugho, Scotch or White

" Japanese Black, Red, White or Dwarf

" Korean, Red Chinese or Umbrella

Red Bud — Chinese

Rhododendron — Max

Spruce — Colorado Blue or Silver Blue

" Japanese, Korean or Norway

" Koster Bluest Blue

Tree of Heaven

Yew — English, Japanese or Pyramidal

"The A. S. T. Journal," official organ of the American Surgical Trade Association, he worked in a sawmill and later spent 7 years visiting lumber camps selling hospital insurance. During this time he visited 300 logging camps in Minnesota, Wisconsin and Michigan. He has traveled through Egypt, Palestine, China, and India and over every mile of railroad in Alaska, and by steamer down the Yukon and up the Tanana.

The work is being carried on in a systematic and business-like manner. His forestry headquarters are in Hammond, where he employs a staff of men and women. In one letter he writes: "I wish you would put me in touch with men whose hearts are in the right place and who will do in their states what I am trying to do in Indiana."

## Why Trees Die



So many say "I WANT A BIG 4 or 5 FOOT EVERGREEN TREE." But when you tell them how many times 4 or 5 foot evergreen trees must be transplanted and what it costs to do this work they can't understand it. If you buy an apple, peach, pear or plum tree from a nursery about half of the limbs have been removed to offset the roots left in the ground or the tree will die or linger along and never amount to anything.

The root system of the little 3 year old tree shown extends 30 inches in the ground. Imagine how long the main roots of a 4 or 5 foot tree must be IF NOT TRANSPLANTED MANY TIMES.

If you buy trees follow instructions. Don't allow air to strike the roots for one minute. Few know that the sap of an evergreen tree is pitch and when the air strikes it for a short time the tree dies

## Trees From Seed

The 37 Colorado Blue Spruce trees shown below in 12 inch flower pot raised from seed in a basement near a window are now over 3 feet high.

It is just as easy to raise trees from seed as it is tomatoes or cabbage.

They can be planted in a box or flower pot any time during the year. If planted



when it is cold, keep them in the kitchen or in the basement if there is furnace heat,

Keep the ground moist but not too wet or little trees will die.

Evergreen trees placed in the basement in the fall will grow from 3 to 8 inches during the winter. Deciduous trees will grow as much as 15 inches.

By following instructions sent with each package of seed a boy 10 years of age can raise trees as successfully as a grown person

## FROM THE NATIONAL LUMBER BULLETIN, WASHINGTON, D. C. AUGUST 1, 1929

Frank S. Betz, of Hammond, Indiana, who retired from business as a manufacturer of surgical goods in 1915, is now injecting his energy into a reforestation campaign. It is not a campaign of word propaganda, but of actual work. He is setting the example in his home state, and he urges men in other states to do likewise. He buys tree seed and seedlings, which are distributed throughout the state.

Mr. Betz is well acquainted with the logging and the milling end of the lumber industry. According to biographical sketch of him published in the June, 1929, number of

## Hospitals-Institutions

WORTH \$10,000 TODAY

The President of the Board of the Lake County Sanitarium, says: "The 3,000 evergreen and 2500 black walnut trees planted on the sanitarium property, which you furnished, have added thousands of dollars to the value of the institution."

W. R. Beatty, President.

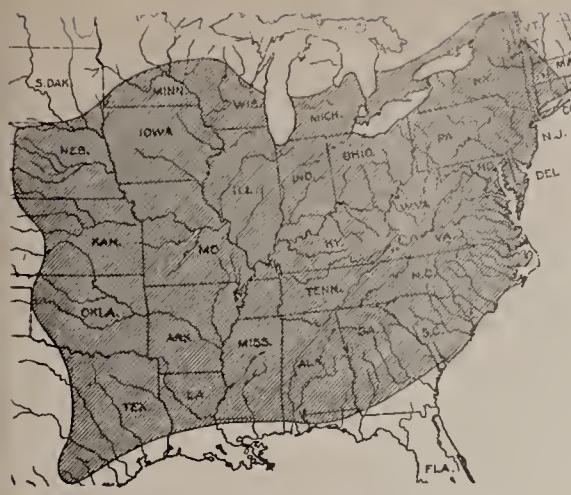
## FREE - 5000 COLORADO BLUE

SPRUCE SEED for pupils, Scouts and 4H Clubs, with each \$1 IZAAK WALTON LEAGUE TREE SEED PACKAGE from the 25,000,000 BIRDSEY DONATION for 10 cents in stamps to cover packing and postage which should produce over 2500 Colorado Blue Spruce trees.

## AN EDITORIAL

"Each county seat has its Rotary, its Kiwanis, its Lions, its Eagles, its Izaak Walton League, its Chamber of Commerce and other organizations formed for the purpose of improving the whole locality, but they are composed mostly of young men who know the present worthlessness of those hills, but they do not know of their past value, and they do not seem to know that past value can be made to return to them, but action must be taken immediately or it will be eternally too late. Each of those organizations should have its Forester, and a strong committee on reforestation and the work should be taken up by them as the most important duty that lies immediately before this generation.

"It will soon be too late, everlasting too late."—The Indiana Evening Gazette.



THE U. S. WALNUT SECTION

## Betz Sets the Pace

Sent Out By the Indiana Division of Forestry, 1929

The subject of this News Bulletin is to recognize the valuable assistance of one of the first private individuals in Indiana who took off his coat, rolled up his sleeves in 1928 and went to work without pay on the tremendous problem of reforestation.

The varied career of Mr. Frank S. Betz will be interesting to friends of forestry.

Mr. Betz was raised on a farm in Wisconsin and knows forest conditions in practically every foreign country north of the Equator. He worked in a lumber mill and ran logs on the Chippewa river fifty-one years ago. For seven years beginning 1884 he sold hospital insurance to men working in sawmills, lumber yards and lumber jacks in over 300 logging camps in Michigan, Wisconsin and Minnesota, traveling alone through miles of wilderness.

After accumulating a small fortune during the World's Fair in Chicago in 1893 and losing it he started the Frank S. Betz Company in a coal shed in Chicago in 1895. The business prospered from the start. In a few months he moved to a vacant store building. Later he was occupying five rented buildings. He then built a plant in Chicago and as larger quarters were required in 1904 he purchased twelve acres of land in Hammond and built the first section of the Hammond plant which was increased every year until it became the largest medical equipment industry in the world.

On his many trips abroad and while traveling through the farming districts in China, Japan, India, Palestine and Egypt he was impressed with the great social economic value of forests to mankind. Where there were no trees there was in impoverished nation. The condition can be traced directly to the destruction of their forests.

The people live in mud huts without floors, doors or windows. The children follow the cattle day after day gathering their offal which is the only fuel the family have.

Mr. Betz bought a farm five years ago where he raises all kinds of trees from seed. While experimenting he wanted trees for the Betz Boy Scout Camp.

He then took up the matter with the Hammond Superintendent of Schools and offered to furnish a half million pine, spruce and arbor vitae tree seeds for the pupils to experiment with, free of charge. Mr. Caldwell, Superintendent of Schools, agreed to this, and over 2,000,000 were planted by the pupils in Lake County in 1929, and over 8,000,000 by these same pupils this year.

Up to the present time Mr. Betz has sent out over 62,500,000 tree seeds which were planted by over 400,000 pupils in this country. His offer to the Indiana Department of Conservation last week will mean millions of dollars added to the wealth of the state. This must not be overlooked.

Mr. Betz's offer is to turn over free of charge as many water tested walnuts as there were walnut seedlings planted by all the nurseries in the United States last year. These walnuts are to be planted by school children, and Boy and Girl Scouts, etc., etc.

Division of Forestry Supports Plan

The future economic value of five million walnut trees, worth even \$25 each, would amount to \$125,000,000

# Betz Ships More Trees Than the Forestry Depts. of 7 Great States

WITHOUT IT COSTING TAXPAYERS \$1.00



School children of Indiana and Illinois will on Saturday share in the distribution of 18,000,000 tree seeds, donated by Frank S. Betz, Hammond's reforestation enthusiast. 3,000,000 seeds for growing the flower known as Love Lies Bleeding will be included.

Mr. Betz has arranged to distribute the seeds at the Hammond Public Library. Simple directions for planting in order to insure success in growing the trees will be published in the Times.

He has investigated past failures on the part of children in attempts at growing trees and attributes the poor results to not following directions in preparing the seed bed or caring for the young trees during the first 60 days.

The tree seed consist of pine, spruce, cedar, camphor, coffee, tea, dogwood, pagoda, etc.

SINCE SEPTEMBER 8, 1931, MR. BETZ HAS SHIPPED OVER 50,000 MORE 2, 3,

and 4 YEAR OLD TREES WITHOUT IT COSTING TAXPAYERS ONE DOLLAR THAN WERE SHIPPED BY THE FORESTRY DEPARTMENTS OF THE STATES OF IOWA, KANSAS, KENTUCKY, MISSISSIPPI, UTAH, CALIFORNIA, AND WASHINGTON COMBINED, ACCORDING TO THE LAST REPORT FROM THE DEPARTMENT AT WASHINGTON, AND NUTS AND TREE SEEDS FURNISHED BY MR. BEZ DURING THE LAST FOUR YEARS PLANTED BY OVER 500,000 PUPILS IN EVERY STATE IN THE UNION.

As an example of the value of trees which could be raised on the 3,000,000 acres of idle land in Indiana, he has the original contract entered into by the City of Attica with a veneer manufacturing firm of Indianapolis, in which sixteen walnut trees growing in the city park were recently sold for \$1,000. Old residents recall when these trees were planted.

—Lake County Times, May 26, 1932.

### "Timber We Once Had"

STATE	Original	Remaining
	acres virgin	acres virgin
Alabama	32,000,000	2,000,000
Arizona	16,320,000	4,675,000
Arkansas	32,000,000	2,130,000
California	23,000,000	13,200,000
Connecticut	3,068,000	
Delaware	1,130,000	9,000
Florida	28,800,000	4,700,000
Georgia	36,480,000	1,200,000
Illinois	16,000,000	5,000
Indiana	19,840,000	1,000
Iowa	5,120,000	100,000
Kansas	4,480,000	180,000
Kentucky	24,320,000	2,020,000
Louisiana	25,600,000	4,685,000
Maine	18,560,000	1,750,000
Massachusetts	5,120,000	
Maryland	5,760,000	111,000
Michigan	35,200,000	4,500,000
Minnesota	38,400,000	3,500,000
Mississippi	28,800,000	5,000,000
Missouri	32,000,000	830,000
Montana	25,000,000	13,198,000
Nebraska	1,600,000	110,000
New Hampshire	5,760,000	100,000
New Jersey	4,480,000	20,000
New Mexico	14,528,000	4,529,000
New York	30,080,000	1,500,000
North Carolina	30,080,000	1,700,000
Ohio	25,600,000	200,000
Oklahoma	12,000,000	1,450,000
Oregon	35,200,000	21,000,000
Pennsylvania	28,160,000	250,000
South Carolina	17,920,000	700,000
Tennessee	25,600,000	2,000,000
Texas	30,000,000	1,200,000
Vermont	5,760,000	150,000
Virginia	24,960,000	1,000,000
Washington	22,000,000	14,000,000
West Virginia	15,360,000	1,700,000
Wisconsin	30,080,000	2,100,000

### THE LUMBER CUT FROM 1839

Date	Population	Timber Cut
1839	12,866,020	1,604,000,000 ft.
1849	22,893,147	5,392,000,000 ft.
1859	31,443,321	8,029,000,000 ft.
1869	38,558,371	12,755,543,000 ft.
1879	50,155,783	18,091,356,000 ft.
1889	62,947,714	23,845,046,000 ft.
1899	75,994,575	35,084,166,000 ft.
1909	91,972,266	44,509,761,000 ft.
1919	105,710,620	33,798,800,000 ft.
1928	119,000,000	34,142,000,000 ft.

The figures above showing our original stand of timber and what we have left should open the eyes of those who regard President Roosevelt's idea of reforesting our millions of acres of idle land and abandoned farms as foolish and ridiculous.

The table above from 1839 shows we use about 35 billion ft. yearly. There are 925 billion ft. standing on the Pacific Coast and 125 billion in the south. Divide by 35 and see if it will last for 75 years, as some experts claim.

With a freight charge from the Pacific coast of \$24 per 1000 ft. we will in a few years pay \$100 for poorer lumber than formerly came from Michigan, Wisconsin and Minnesota, which sold for \$8 and \$10 and when the Pacific coast softwood lumber is gone, we will pay \$200 for lumber from Norway, Sweden, Finland and Russia and pay it for many years.

Write the Government Printing Office, Washington, D. C. for SEPARATE NO. 1, MAJOR PROBLEMS OF THE NEXT BIG STEP IN AMERICAN FORESTRY, from SENATE DOCUMENT NO. 12. It is free and is a summary of SENATE RESOLUTION 175, 72nd Congress. Read Page 81 first, and remember that from 1900 to 1930 we used about 35 billion ft. of lumber yearly.

## FREE—5000 COLORADO BLUE

SPRUCE SEED FROM THE BIRDSEY DONATION WITH EACH BUNDLE OF 250 TREES, which will make the cheapest and most beautiful zig-zag 2-row, 125-foot line, rect or alley hedge fence.

Idly the nurseries in bundles of 250 only.  
A PRICE ON 1000 OR MORE.

YOU DO NOT WISH TO PLANT COLORADO BLUE SPRUCE SEED, WHICH SHOULD PRODUCE THOUSANDS OF TREES, TURN THEM OVER TO YOUR SUPERINTENDENT OF SCHOOLS, FOR THE PUPILS.

Barberry, Japanese, 9-12"	\$6.00
Dogwood, Siberian, 12-18"	8.00
Mock Orange, Snow, 12-18"	5.00
Privett, Amur River North, 12-18"	5.00
" " " South, 12-18"	5.00

" California, 12-18"	4.50
" Ibolium, 12-18"	5.00

Spirea, Anthony Waterer, 12-15"	12.00
" Billardi Alba, 12-18"	3.50

" " Pink, 12-18"	6.00
" Pink Fortune, 12-18"	3.50

" Douglassi, 12-18"	4.50
" Thunbergi, 12-18"	12.00

" Van Houttei, 12-18"	4.00
Rose of Sharon, 12-18" EX	3.50

Popular, Chinese Lombardy, 12-18"	3.50
Plain Tree, American, 12-18"	3.00

Hickory Shagback, 8-12"	10.00
Wegelia, Pink, 12-18"	5.00

Tree of Heaven, 12-18"	3.50
Willow, Wisconsin Weeping, 5 ft.	6.00

Walnut, Black 12-18" A.N.B.	3.50
Oak, Chestnut, 12-18"	4.50

" Red, 6-12"	4.00
" Scarlet, 8-12"	4.00

" White, 6-12"	4.00
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### SCOTCH HEATHER

Seed from Scotland. Every family should have a Scotch Heather Bed.. package—10c bag—33 cents. Postage paid.

### Planting Trees For First Quality Lumber



The tree above (left) will produce one 8 or 10 foot log. The trees (right) planted according to the Betz Plan (see diagram below) will produce more first-quality lumber free from knots on one acre than 20 acres of trees growing at random in the woods.

I am told this information to be used on a large scale for planting trees for lumber has never been published before.

By the way - should you not want it today, file it away and some day some friend of yours will be glad to know how to produce 15% more lumber to an acre. The only plan that will produce 15% more first-quality lumber free from knots.

Shows how to grow 782 walnut or other trees per acre, 8 foot centers, instead of 680 trees 8x8 foot. The object of planting 4 ft. north and south with rows 3½ ft. wide and then removing the trees with the circles when they commence to crowd is to compel them to grow up instead of branching out and make 2 or 3 straight 16-foot logs free from knots instead of one 10-foot log.

The 102 trees gained by planting 8 foot centers will pay for the land, cost of trees and labor for planting.

Taxes on land with trees in most states are from 3 to 5 cents an acre. In some states there is no tax until the trees are cut.

## 25 Million To Be Given Away

B. A. BIRDSEY, MINING ENGINEER, CREEDE, COLORADO, HAS DONATED 25 MILLION COLORADO BLUE SPRUCE TREE SEED TO BE GIVEN TO ANYONE WHO WILL TAKE AN INTEREST IN THIS WORK AND PURCHASE TREES FOR PUPILS, SCOUTS, 4H CLUBS, PARKS AND SCHOOL GROUNDS.

TO MAKE THIS OFFER ATTRACTIVE SO SOMEONE IN EVERY COMMUNITY WILL ASSIST PRESIDENT ROOSEVELT IN CARRYING OUT HIS TREE PLANTING PROGRAM, WE WILL SEND 100,000 OF THE BIRDSEY COLORADO BLUE SPRUCE SEED, and 150,000 NORWAY SPRUCE, AUSTRIAN and SCOTCH PINE SEED, making 250,000, which should produce over 150,000 trees if planted the same as cabbage or tomatoes, AND 1000 EACH OF THE FOLLOWING LEADING AMERICAN TREES—1000 COLORADO BLUE SPRUCE, 1000 NORWAY SPRUCE, 1000 BLACK WALNUT, 1000 AMERICAN ELM, 1000 HARD MAPLE, 1000 LOMBARDY POPULAR, 1000 TREE OF HEAVEN, 1000 NORWAY PINE, 1000 SCOTCH PINE, 1000 AMERICAN BEECH AND 1000 CATALPA—12,000 trees, AND 250,000 TREE SEED—FOR \$98.50.

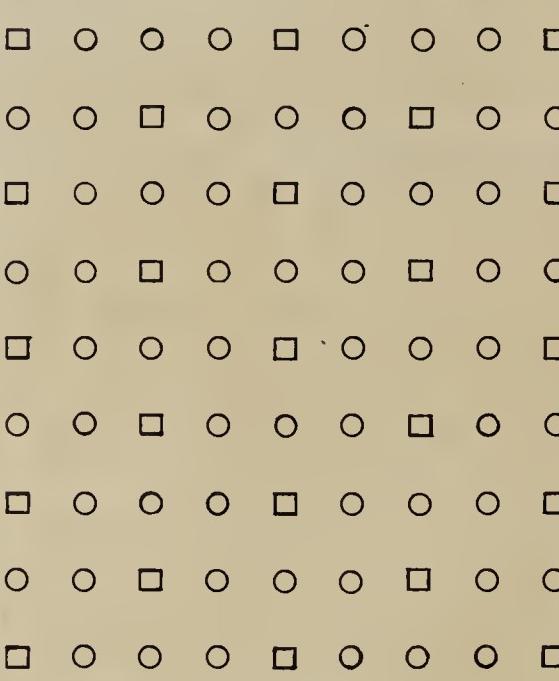
½ OF ABOVE LIST, \$49.50.

¼ OF ABOVE LIST, \$25.00.

You could not dig, pack and ship 12,000 trees and gather the cones, shake out and clean 250,000 seed for \$98.50.

Everyone must realize what tree planting will mean to the man who will take an active part in this work and either buy the trees himself or collect 10 or 25 cents from each club member or taxpayer and buy one of the outfits for anyone who will plant them.

THIS WORK MUST BE DONE BY SOMEONE. THE QUESTION IS: WHICH IS THE CHEAPEST WAY—EACH MAN PUT IN A FEW CENTS NOW OR WAIT UNTIL TAXPAYERS MUST SUPPORT UNTOLD MILLIONS OF FARMERS UNABLE TO MAKE A LIVING ON THEIR FARMS ON ACCOUNT OF SOIL EROSION.



HOW TO PLANT FOR LUMBER,  
PICNIC GROVES, SHORES OF LAKES  
OR RIVERS FOR SUMMER COTTAGES.

### What 27 cents Will Do

American farmers with millions of bushels of surplus grain pay no attention to what it cost them and business men in farming sections fortunes.

Argentine and other countries furnished over 6 million lbs. of our Thanksgiving Turkey; Dried Egg Albumin, 1,457,930 lbs. Dried Egg Yolks, 1,604,710 lbs.; Eggs, 2,916,000 in one year.

Farmers on 2 and 3 acres in other countries raise millions of dollars of commodities we import which our farmers should supply.

I was raised on a farm and have travelled through farming sections of 35 countries and naturally notice what many pass by. The next BETZ TREE NEWS will be an eye-opener. But as I have mailed tons of printed matter year after year, from now on I CAN MAIL ONLY TO THOSE WHO HAVE PURCHASED TREES OR TREE SEED AND ARE INTERESTED.

I am not complaining about expenses or the 6 years devoted to a work so many write me is foolish - yet will mean so much to pupils of today as you can learn by reading Page 81 of "SUPPLEMENT NO. 1, SENATE DOCUMENT NO. 12, MAJOR PROBLEMS IN AMERICAN FORESTRY."

Every one has relatives and friends, many on farms who never heard of planting trees for preventing soil erosion who would gladly raise trees if they had the seed.

In order to carry on this work, I must have support AND WILL SEND A BIG ASSORTMENT OF PINE, SPRUCE AND ARBOR VITAE EVERGREEN TREE SEED FOR PLANTING A 1200-FOOT, 5-ROW WIND-BREAK AND FOR PREVENTING SOIL EROSION AND FOR LUMBER AND 2500 COLORADO BLUE SPRUCE SEED, POSTAGE PAID, FOR 27 CENTS IN STAMPS— ALSO FURNISH PRINTED MATTER TELLING HOW TO PLANT AND RAISE TREES FROM SEED AND OTHER VALUABLE INFORMATION.

THE 2500 COLORADO BLUE SPRUCE ALONE WILL PRODUCE SEVERAL HUNDRED TIMES 27 CENTS.

Will you assist in starting this work? If so, send me the names of relatives and friends with 27 cents in stamps for each and I will forward them tree seed and write they were purchased by you.

Should you not believe in saving the black soil on our farmland, look at the map of Illinois.

**\$2.50 BUYS 50,000 ASSORTED EVERGREEN TREE SEED FOR PUPILS WITH PRINTED MATTER AND OTHER VALUABLE INFORMATION. \$5 BUYS 100,000 AND 10,000 GENUINE COLORADO BLUE SPRUCE TREE SEED.**

**25 MILLION FREE  
TO THE CHILDREN OF AMERICA**

B. A. BIRDSEY, THE WELL KNOWN  
MINING ENGINEER, LOCATOR, DEVELOPER AND CONTRACTOR, OF CREEDE,  
COLORADO, HAS DONATED 34 MILLION  
(INSTEAD OF 25 MILLION) COLORADO  
BLUE SPRUCE TREE SEED.

SEE OFFER BELOW

Creede, Colorado, Dec. 25, 1933

Dear Mr. Betz:-

I have watched your work for years and wish more men could see the great need for reforestation, as you see it.

I wish to make a Christmas present to the children, one that will live indefinitely. The finest gift I know of would be seeds which will produce millions of the most beautiful trees that grow, the Colorado Blue Spruce, and as you are the man to see that these seeds are distributed, I am sending you over 25 million gathered here in the mountains.

I suggest you present the seed to Chambers of Commerce, Scout Executives, Rotary, Kiwanis, Izaak Walton League and other Clubs for planting - provided they are interested and will meet the gift part way by buying trees or tree seed from you to be turned over to Pupils, Boy Scouts, 4 H Clubs or anyone who will plant them.

Your work is deserving and as the late Alexander Legge, President of the International Harvester Company, said: "May the good Lord send us more men like this tree loving, tree planting gentleman from Indiana." I hope my little gift to your cause will assist in a small measure.

Hoping the New Year will see your desires achieved.

Cordially, Ben A. Birdsey

**AN OFFER OPEN TO EVERYONE**

25 cents BUYS AN ASSORTMENT OF PINE SPRUCE AND ARBOR VITAE TREE SEED INCLUDING COLORADO BLUE SPRUCE for 25 pupils, Scouts or 4H Club members. SCHOOL TEACHERS COLLECTING ONE CENT FROM EACH OF 25 PUPILS FOR AN ASSORTMENT OF TREE SEED AND REMITTING 25 CENTS IN STAMPS RECEIVE 1000 COLORADO BLUE SPRUCE SEED FREE FOR BEAUTIFYING THE SCHOOL GROUNDS.

A \$1 BILL AND 10 CENTS IN STAMPS BUYS THE BIG IZAAK WALTON LEAGUE SEED PACKAGE AND 5000 COLORADO BLUE SPRUCE TREE SEED.

**IF THE PEOPLE OF PALESTINE WHO NEVER SAW A TREE CAN RAISE THEM BY THE MILLIONS FROM SEED, WHY NOT DO IT HERE?**

FROM THE HOLYLAND

New York City Feb. 4, 1932

"Dear Mr. Betz:

"I have returned from my world tour in which I had the opportunity of visiting Palestine, where I saw millions of little trees growing from the seed which you so generously contributed. Ere long those barren hills of Judah will once again be clothed with verdure. Even this generation will see a marvelous change in the country which will be largely brought about by your munificent gift.

"I am looking forward to visiting Chicago on Saturday night when I am due to arrive to lecture on Sunday, February 28, at the Chicago Academy of Sciences on the Rebirth of Palestine at 3 o'clock in the afternoon. I trust that it may be possible for you to be present, as I am sure you would like to see the film of the tree planting. I shall look forward to seeing you some time after the meeting, if only for a few minutes.

"I am telling the world what you have done for Palestine.

RICHARD ST. BARBE BAKER."

32 Warwick Rd., London

**TO EDITORS OF FARM JOURNALS AND NEWSPAPERS**

FREE TO EDITORS—ON JANUARY 12, 1934 I LEARNED THAT YOU ARE ENTITLED TO ONE OF THE MOST INTERESTING BOOKS EVER PUBLISHED BY THE GOVERNMENT, effecting the American farmer. If you have not read it, write today for "SEPARATE NO. 1, MAJOR PROBLEMS OF THE NEXT BIG STEP IN AMERICAN FORESTRY, from SENATE DOCUMENT NO. 12," for assisting our farmers and those in towns and cities in farming communities who depend upon farmers. Write Department of Printing, Washington, D. C.

See Page 81, Although thousands have an idea city people can get along without the farmer and that the farmer can get along on farms made useless by soil erosion it is not true.

The map of Illinois made by the Department of Agriculture showing millions of acres of our highest priced farmland ruined through soil erosion caused many to wonder. The article in NATIONAL REPUBLIC telling about 5 million bushels of Rye from the Balkan countries being unloaded in Buffalo and 5 million more on the way with thousands of our farmers unable to make a living and pay taxes should make those familiar with conditions in the Far East wonder where we are headed for.

Take Poultry—We import over 6 million lbs and 3 million lbs. of Dried Eggs yearly and our farmers have more wheat and corn than they know what to do with.

Should you not believe in planting trees for preventing soil erosion, kindly look at the map of Illinois and you will see things in a different light.

Those who say there is enough lumber to last while they live and the children will use something else when the lumber is gone, or planting trees is all bunk, will not offset what Russia with 1-7 of the land on the globe where 100 of the 160 million men, women and children working in fields which were increased from 279 million to 335 millions acres, producing more on one acre with modern machinery for European markets than our land will on 3, 4 and 5 has caused some to realize we must do something or bring our expert engineers, farmers, stock growers and cotton raisers home.

In this country we think a 25,000 acre farm is a wonder. In Russia there is one grain farm of \$75,000 acres; another, 277,000.

In Europe land farmed for centuries will produce practically as much as ever. In this country farmland in a few years will not produce enough to pay taxes.

**\$100 WORTH OF TREES FOR 27 CENTS**

Will you allow me to assist you in starting the children of your subscribers in a work that will add one million dollars to the wealth of this country protect farms still having top soil, make unproductive land bring in an income, furnish trees for preventing soil erosion and provide a nesting place for birds which save farmers over \$100,000,000 yearly.

I have over 2 million trees, 250 million tree seed which, if covered with dirt, will make beautiful trees. I will gladly send the seed to your subscribers for growing 5000 pine, spruce and arbor vitae evergreen trees for setting out a 5-row, 1200-foot windbreak, preventing soil erosion and for Christmas trees which sell for more money than the crops from 10 times the amount of ground required to raise them, with full instructions for planting and raising.

ALSO 1000 GENUINE COLORADO BLUE SPRUCE TREE SEED FOR PRODUCING THE MOST BEAUTIFUL TREES IN THE WORLD. 27 CENTS IN POSTAGE STAMPS PAYS THE ENTIRE BILL, which is not enough to pay expenses.

\$2.50 BUYS 250 BIG EVERGREEN CHRISTMAS TREES or 250 DECIDUOUS TREES AND 5000 COLORADO BLUE SPRUCE SEED."

Up to the present time over 600,000 pupils have planted trees or tree seed sent through this office. All trees are from the best known Nurseries.

FRANK S. BETZ

BETZ BLDG.

HAMMOND, INDIANA

## TO COUNTY AND CITY SUPERINTENDENTS OF SCHOOLS:

SUPERINTENDENTS GET 2500, SCHOOL TEACHERS, 1000 GENUINE COLORADO BLUE SPRUCE TREE SEED FREE. PUPILS PAY ONE CENT EACH for enough PINE, SPRUCE and ARBOR VITAE TREE SEED to give them a nice forest and more genuine COLORADO BLUE SPRUCE SEED than required to beautify their lawn and ONE CENT PAYS THE BILL. NO ORDER CAN BE ACCEPTED FOR LESS THAN 25 PUPILS. PLEASE SEND POSTAGE STAMPS.

The reason there is a charge of one cent each is because it means a sale. Where pupils get the seed free, they are seldom interested.

The Government map showing 81 of the 102 counties in Illinois practically worthless for farming is news to many.

Write the Department of Printing, Washington, D. C., for "SEPARATE No. 1, MAJOR PROBLEMS AND THE NEXT STEP IN AMERICAN FORESTRY, from SENATE DOCUMENT No. 12," Page 81 will tell you why so many schools are closed and thousands of teachers without positions.

Farmers, to be successful, must take care of their land as they do in Europe and England where in the 16th century they went through what this country will go through unless pupils are taught to plant trees for preventing soil erosion and for lumber.

PUPILS WHO WILL COLLECT ONE CENT EACH FROM 25 OTHER PUPILS AND SEND 25 CENTS IN STAMPS WILL RECEIVE 1000 COLORADO BLUE SPRUCE SEED FREE FOR THEIR TROUBLE.

There are 22 states with millions of acres in the same condition. During 1933, 2269 schools in 11 states closed before March 1 and over 2000 school houses are closed now and thousands of teachers have no income.

Since 1928 tons of printed matter sent from this office showing what will happen in many states unless trees are planted for preventing soil erosion caused over 600,000 pupils to plant trees, tree seeds and walnuts.

From 10,000 walnuts planted in Indiana in 1928, over 2 million were planted last year. Pupils who raised 100 trees 5 years ago from seed are now raising thousands.

To give you an idea of what can be done: J. H. Baldwin of the Washington School, Hammond, last April talked to the pupils for a few minutes. He explained what would eventually happen unless trees which they could have for one cent each were planted by the millions. The next morning some brought a penny, others a nickel or dime and some brought a quarter. Enough was collected for 2400 trees. This plan is now being carried out all over the country.

The pupils of the Wallace School in this city transplanted over 700 trees raised on the school property last year.

WILL YOU ALSO TAKE THIS MATTER UP WITH TOWN AND CITY SUPERINTENDENTS OF SCHOOLS IN YOUR COUNTY. The same offer is open to them, AND GIVE ME THE NAME OF ANY WIDE AWAKE BUSINESS MAN OR FARMER IN YOUR COUNTY WHO REALIZES THE CONDITION FARMERS OF THIS COUNTRY ARE IN AND ARE INTERESTED IN PLANTING TREES.

What President Roosevelt started with 275,000 men 17 days after he was inaugurated should have been started 50 years ago.

WILL YOU ASSIST PUT THIS WORK OVER?  
Thanking you, I am

# MAP MADE BY THE GOVERNMENT.

WHICH SHOULD CAUSE MEN WHO KNOW WHAT HAPPENED IN EVERY TREELESS COUNTRY OF THE WORLD TO WONDER WHAT IS IN STORE FOR THEIR CHILDREN.

See map of Illinois and remember hundreds of expert American engineers, stockmen, farmers and cotton growers are in every country teaching those who for centuries operated with wooden plows how we do things on a large scale.

Yet so many say, "Planting trees for lumber or saving millions of farms from ruin by soil erosion is foolish, a waste of time and money."

Will taxpayers be able to care for the millions unable to make a living or too old to get their former jobs back, the small home owners who have not paid taxes or interest on their mortgaged homes since 1930?

The printed matter herein was COLLECTED FROM ALL PARTS OF THE WORLD—HAS NEVER BEEN PRINTED BEFORE. Read it, think it over, cover the countries of the Far East as I have and you will no doubt decide SOMEONE IN YOUR DISTRICT SHOULD TAKE THE LEAD IN THIS WORK.

Read the first 10 lines again on the other side. Look over the table of the lumber cut from 1839 to date in the TREE SUPPLEMENT. Run over the article on the wrapper showing the standing timber we have left and remember today we have 27 million pupils, but if we never use more lumber than we did in 1900 when we had 15,503,000 pupils, every child will use imported lumber after they grow up.

BE A GOOD DADDY—ORDER SOME TREES OR TREE SEED FOR THE KIDDIES IN YOUR SCHOOLS AND TELL THEM ABOUT WHAT HAPPENED IN ENGLAND AND EUROPE IN THE 16TH CENTURY AND IT WILL CERTAINLY HAPPEN HERE UNLESS MEN WHO DO THINGS TAKE THE LEAD INSTEAD OF LISTENING TO THOSE WHO ARE ALWAYS READY TO CRITICIZE BUT NEVER DONE ONE GOOD THING THAT WILL CAUSE PEOPLE TO REMEMBER THEM BY AFTER THEY ARE GONE — AND THERE ARE MILLIONS

As someone said: "THE HUMAN RACE IS OF TWO CLASSES—THOSE WHO GO AHEAD AND DO SOMETHING, AND THOSE WHO SIT STILL AND INQUIRE WHY IT WAS NOT DONE SOME OTHER WAY."

FRANK S. BETZ

BETZ BLDG.

HAMMOND, IND.

P. S. Mr. E. W. Durkin, Waukegan, Illinois, on February 14, 1934, ordered 25,000 Black and Japanese Walnut, Hickory and other trees to be planted on land to be held in trust for his boys who are 7 and 9 years of age.

Wouldn't it be wonderful if every man who could afford it would think of his children and plant a few trees THAT WILL PRODUCE DOLLARS FOR EACH CENT INVESTED.—Betz



## The Following 10 Lines Copied From Senate Resolution

175, 72nd Congress, will be news to men who believe the fairy tales about our standing timber producing enough lumber to last 50 to 75 years when if business picks up, as it should our standing timber will not supply the grades and sizes we require and for export for 30 years and lumber will double in price inside of 10 years.

*Whereas the consumption of the forests of the United States has progressed to a point at which their early exhaustion is threatened; it being estimated (1) that over 50 per centum of all the softwood lumber cut in the United States has been cut during the last thirty years; (2) that, with a population almost 60 per centum greater today than at the beginning of the twentieth century, the United States has been using nearly three hundred billion feet of softwood lumber alone during each decade since 1900; (3) that in 1928, with a population of more than one hundred and twenty-million, the annual cut of softwood lumber alone was twenty-eight billion feet; and (4) that there now remain in the territory east of the prairies, only about twenty-five billion feet of original timber;*

How often do you hear men say, "We can get along without the outside world," or, "We can produce everything we need." Yet over 4 million lbs. of our Thanksgiving Turkey came from Argentine and 2 millions lbs. from other countries and over 3 million lbs. of dried Eggs and our farmers have millions of bushels of surplus grain.

We consider a 25,000 acre farm a wonder. In Russia they have one of 375,000 acres and another of 277,000 acres, one acre of which will produce more than 3 acres of our soil-eroded land. The printed matter sent herein tells you all about it.

YOU CAN ASSIST IN BETTERING CONDITIONS IN YOUR DISTRICT BY FURNISHING A ONE CENT TREE TO EACH PUPIL in YOUR SCHOOLS or an outfit of PINE, ARBOR VITAE, SPRUCE and COLORADO BLUE SPRUCE TREE SEED that will cost only one cent for each pupil.

OR I WILL PRESENT FREE 1000 COLORADO BLUE SPRUCE TREE SEED which should produce over 500 of the most beautiful trees, to school teachers or anyone who will collect one cent from each of 25 pupils, Scouts or 4H Club members and send 25 cents in postage stamps for a bag of PINE, SPRUCE, ARBOR VITAE and COLORADO BLUE SPRUCE EVERGREEN TREE SEED which they are to plant AS CABBAGE OR TOMATO SEED ARE PLANTED.

Read about China, India, Palestine and Egypt. Read about the 39,667 Mississippi farmers sold out by 74 sheriffs and SEND A CHECK TODAY FOR TREES OR TREE SEED TO BE TURNED OVER TO THE SUPERINTENDENT OF SCHOOLS FOR THE PUPILS TO PLANT, FOR YOUR PARK, HIGHWAYS. Do it now before it is too late.

## WHILE THEY LAST.— \$1000 profit from \$50 in 3 to 5 years.

250 OF ANY 4 OF THE FOLLOWING TREES AT THE 1000 PRICE.

250 AT THE 1000 PRICE PLUS \$1 FOR PACKING.

Any farmer will raise them for half the profits. All have been transplanted. THEY ARE PRACTICALLY GIVEN AWAY.

TREES SHIPPED DIRECT FROM NURSERY

1000 Trees	.1000 Trees
Norway, Spruce, 12-18 inches	\$40.00
White Spruce, 12-18 inches	40.00
Mugho Pine, 8-12 inches	25.00
Colorado Blue Spruce 12-15 inches	100.00
Chinese Arbor Vitae, 15-18 inches	30.00
Irish Juniper, 8-10 inches	50.00
Austrian Pine, 12-24 inches	80.00
Norway Pine, 12-18 inches	50.00
Ponderosa Pine, 8-12 inches	35.00
Engelmann Spruce, 6-10 inches	40.00
Black Hill Spruce, 8-12 inches	75.00
Balsam Fir, 12-18 inches	50.00

SEE "BETZ TREE SUPPLEMENT" FOR TREES — ONE CENT EACH.

FRANK S. BETZ (PERSONAL)

HAMMOND, INDIANA